



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Freeman et al. Art Unit : 3764
Serial No. : 10/786,359 Examiner : Unknown
Filed : February 24, 2004
Title : USING CHEST VELOCITY TO PROCESS PHYSIOLOGICAL SIGNALS TO
REMOVE CHEST COMPRESSION ARTIFACTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449. Applicants do not concede that the listed references are prior art. Because this application was filed after June 30, 2003, applicants are not supplying copies of the U.S. Patent Documents (References AA-AJ) or copies of the patents applications (References AL, AM, and AN). Applicants are supplying copies of the Other Documents (References AO-AT).

Because Reference AQ is a textbook, applicants have included the cover page and the table of contents from this reference. If the examiner wishes a copy of the entire textbook, he is asked to telephone the undersigned.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

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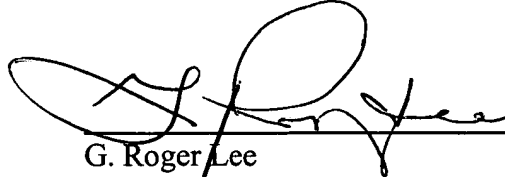
Attorney's Docket No.: 04644-156001

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Respectfully submitted,

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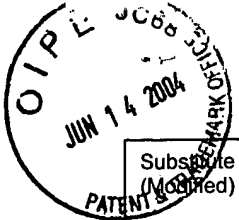
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04644-156001	Application No. 10/786,359
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Freeman et al.	
		Filing Date February 24, 2004	Group Art Unit 3764

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6427685	08/06/02	Ray, II			
	AB	6390996	05/21/02	Halperin et al.			
	AC	6306107	10/23/01	Myklebust et al.			
	AD	6174295	01/16/01	Cantrell et al.			
	AE	6125299	09/26/00	Groenke et al.			
	AF	5496257	03/05/96	Kelly			
	AG	4355634	10/26/82	Kanter			
	AH	4059099	11/22/77	Davis			
	AI	US-2002-0165585	11/07/02	Dupelle et al.			
	AJ	US-2002-0047140	11/29/01	Freeman			
	AK						

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AL	USSN 10/421,652 (Marcovecchio, "Optical Pulse Sensor for External Defibrillator")
	AM	USSN 10/370,036 (Elghazzawi et al., "CPR Sensitive ECG Analysis in an Automatic External Defibrillator")
	AN	USSN 10/441,933 (Marcovecchio, "Processing Pulse Signal in Conjunction with ECG Signal")
	AO	Aase et al., "CPR Artifact Removal from Human ECG Using Optimal Multichannel Filtering," IEEE Transactions on Biomedical Engineering, Vol. 47, 1440-1449, (2000)
	AP	Eftestol et al., "Effects of Interrupting Precordial Compressions on the Calculated Probability of Defibrillation Success During Out-of-Hospital Cardiac Arrest," Circulation, 105, 2270-2273, (2002)
	AQ	Haykin, Adaptive Filter Theory, Third Edition, Upper Saddle River, NJ, USA. Prentice-Hall, 1996
	AR	Husoy et al., "Removal of Cardiopulmonary Resuscitation Artifacts from Human ECG Using an Efficient Matching Pursuit-Like Algorithm," IEEE Transactions on Biomedical Engineering, Vol 49, 1287-1298, (2002)
	AS	Langhelle et al. "Reducing CPR Artifacts in Ventricular Fibrillation in Vitro," Resuscitation. Mar; 48(3):279-91 (2001)
	AT	Sato et al., "Adverse effects of interrupting precordial compression during cardiopulmonary resuscitation," Critical Care Medicine, Vol. 25(5), 733-736 (1997).
	AU	Yu et al., "Adverse Outcomes of Interrupted Precordial Compression During Automated Defibrillation," Circulation, 106, 368-372 (2002)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	